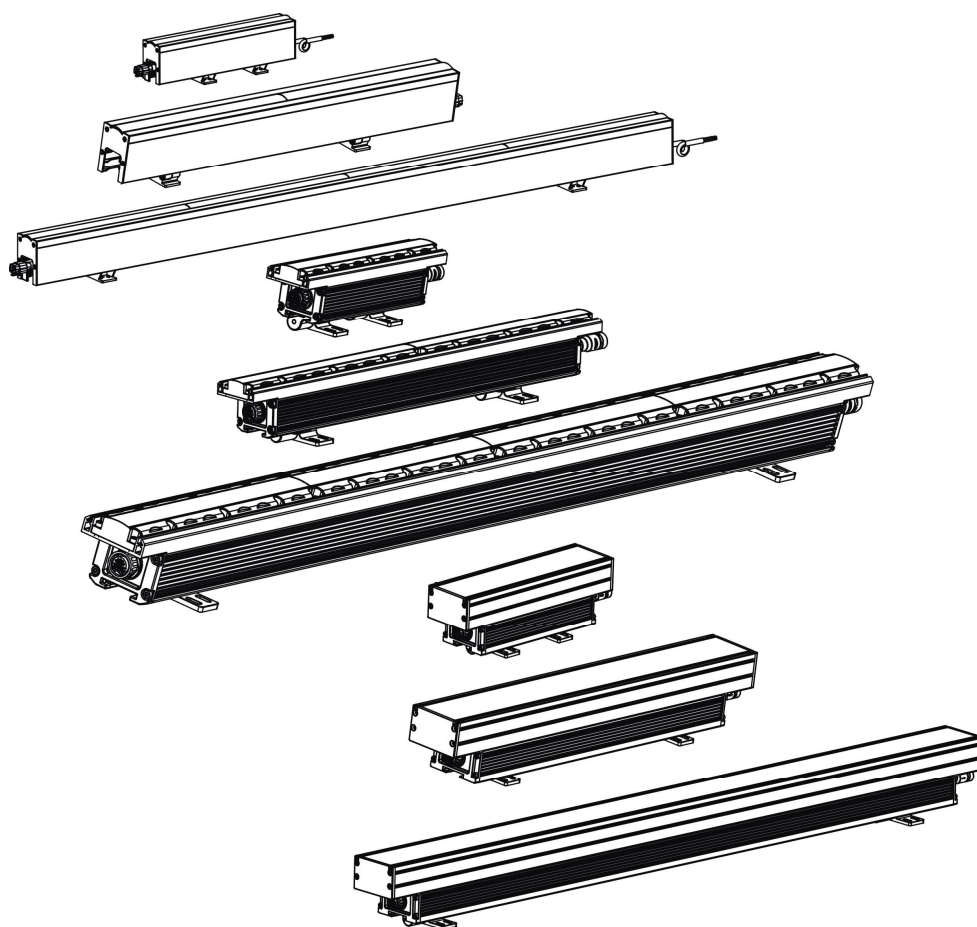




# TEX SERIES USER MANUAL



This user manual applies to the below models:

TEX S Series  
TEX M Series  
TEX L Series

KEEP THIS MANUAL FOR FUTURE NEEDS



Thank you for purchasing a GS ARC product. You have acquired a powerful and versatile fixture. We are confident that you will be satisfied with our excellent products and service. For your own safety, please read this user manual carefully before installing and operating the device.

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# 1. SAFETY INSTRUCTIONS

## 1.1. IMPORTANT SAFETY WARNING

This luminaire left the factory in perfect condition. In order to maintain this condition and to ensure safe operation, it is necessary for the user to follow the safety instructions and warning notes written in this user manual.

Instructions pertaining to a risk of fire or injury to persons

- During use, luminaires are hot, turn off/unplug and allow to cool before handling luminaire
- Do not touch hot lenses, guard or enclosure of the luminaire.
- Keep luminaire away from materials that may burn
- Do not operate the luminaire fitting with a missing or damaged cover

If the luminaire has been exposed to temperature changes due to environmental changes, do not switch it on immediately. The resulting condensation could damage the luminaire. Leave the luminaire switched off until it has reached room temperature.

This luminaire falls under protection-class I, it is essential that the luminaire be earthed.



Should the lens of the luminaire be damaged or crack, it must be replaced.

Any electric connection must be performed by qualified persons.

Ensure that the available voltage is not higher than AC 100-277V, 50/60Hz

The power cord must never be trapped or damaged by sharp edges. If this happens it must be replaced and the replacement of the cable must be performed by an authorized dealer.

If the external flexible cable or cord of this luminaire is damaged, it shall be replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

	<b>CAUTION!</b> Never touch the device during operation! The housing may heat up
	<b>CAUTION!</b> Never look directly into the light source, as sensitive persons may suffer an epileptic shock.

**Please keep luminaire away from children and non-professionals.**

**Important:**

**Damages to the luminaires caused by the disregard of this user manual are not subject to warranty. The Manufacturer and Dealer will not accept liability for any defects resulting from the misuse of the luminaire.**

**For safety reasons, please be aware that all modifications to the luminaire are forbidden.**

## 1.2. GENERAL GUIDELINES

Do not shake the luminaire.

Avoid brute force when installing or operating the luminaire.

Operate the luminaire only after having familiarized yourself with its functions.

Do not permit operation by persons not qualified to operate the luminaire.

Please use the original packaging if the luminaire is to be transported back to the manufacturer or dealer for service.

Should this luminaire be operated in any way other than as described in this manual, the luminaire may suffer damage and the warranty become void. Furthermore, such operation may lead to short-circuit, burns, electric shock, etc.

## 2. FEATURES

### Power Supply

- AC 100-277V ~, 50/60Hz,
- Power Consumption: 20 W for 1' fixture @ TEX S Series  
20 W for 1' fixture @ TEX M Series  
40 W for 2' fixture @ TEX M Series  
95 W for 4' fixture @ TEX M Series  
50 W for 1' fixture @ TEX L Series  
100 W for 2' fixture @ TEX L Series  
200 W for 4' fixture @ TEX L Series

### Optical Source

- **TEX S 1/2/3/4FT Q:**  
12 pcs of 3 W Cree XP-E2 LEDs for 1'fixture  
24 pcs of 3 W Cree XP-E2 LEDs for 2'fixture  
48 pcs of 3 W Cree XP-E2 LEDs for 4'fixture
- **TEX S 1/2/3/4FT FW:**  
6 pcs of 5 W ProLight High CRI LEDs for 1'fixture  
12 pcs of 5 W ProLight High CRI LEDs for 2'fixture  
24 pcs of 5 W ProLight High CRI LEDs for 4'fixture
- **TEX S 1/2/3/4FT TW:**  
12 pcs of 3 W Cree XP-E2 LEDs of 2200K 3500K & 5700K Color temperature for 1'fixture  
24 pcs of 3 W Cree XP-E2 LEDs of 2200K 3500K & 5700K Color temperature for 2'fixture  
48 pcs of 3 W Cree XP-E2 LEDs of 2200K 3500K & 5700K Color temperature for 4'fixture
- **TEX M 1/2/3/4FT Q:**  
8 pcs of 2.5 W Cree RGBW Color LEDs for 1' fixture  
16 pcs of 2.5 W Cree RGBW Color LEDs for 2' fixture

32 pcs of 2.5 W Cree RGBW Color LEDs for 4' fixture

- **TEX M 1/2/3/4FT FW:**  
8 pcs of 10 W Cree LEDs of 4000K Color temperature for 1' fixture  
16 pcs of 10 W Cree LEDs of 4000K Color temperature for 2' fixture  
32 pcs of 10 W Cree LEDs of 4000K Color temperature for 4' fixture
- **TEX M 1/2/3/4FT TW:**  
8 pcs of 15W Prolight LEDs of 2700K & 6500K Color temperature for 1' fixture  
16 pcs of 15W Prolight LEDs of 2700K & 6500K Color temperature for 2' fixture  
32 pcs of 15W Prolight LEDs of 2700K & 6500K Color temperature for 4' fixture
- **TEX L 1/2/3/4FT Q:**  
4 pcs of 10 W Cree RGBW Color LEDs for 1' fixture  
8 pcs of 10 W Cree RGBW Color LEDs for 2' fixture  
16 pcs of 10 W Cree RGBW Color LEDs for 4' fixture
- **TEX L 1/2/3/4FT FW:**  
4 pcs of 10 W Cree LEDs of 4000K Color temperature for 1' fixture  
8 pcs of 10 W Cree LEDs of 4000K Color temperature for 2' fixture  
16 pcs of 10 W Cree LEDs of 4000K Color temperature for 4' fixture
- **TEX L 1/2/3/4FT TW:**  
4 pcs of 15W Prolight LEDs of 3000K & 6500K Color temperature for 1' fixture  
8 pcs of 15W Prolight LEDs of 3000K & 6500K Color temperature for 2' fixture  
16 pcs of 15W Prolight LEDs of 3000K & 6500K Color temperature for 4' fixture
- Light Source Life: >50,000H

#### Dimming Protocol

- DMX512, one channel for each one foot fixture with
- on-line upgrade
- RDM for monitoring DMX address, fixture LED on/off and temperature
- Automatic addressing for DMX and RDM
- Beam angle:

46.5° \* 48.5° @ 3M @ 40° Len for 1' fixture @ TEX S Series

100.6° @ 100° Len for 1' fixture @ TEX M Series

50° \* 52° @ 3M @ 40° Len for 2' fixture @ TEX M Series

68° \* 74.5° @ 3M @ 40° Len for 4' fixture @ TEX M Series

55° @ 10° Len for 1' fixture @ TEX L Series

55° @ 10° Len for 2' fixture @ TEX L Series

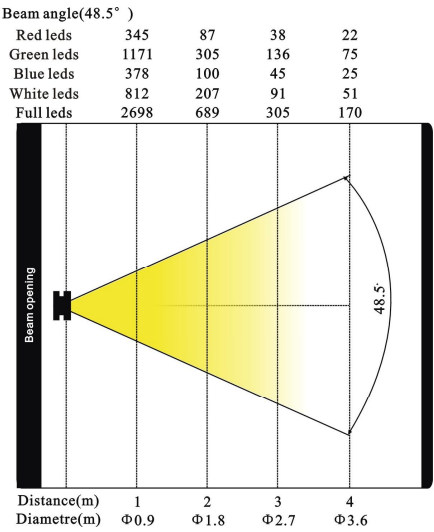
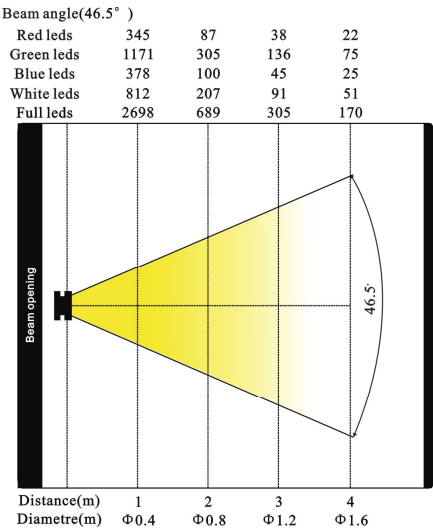
55° @ 10° Len for 4' fixture @ TEX L Series

#### IP Rating

- IP66

PHOTOMETRIC DATA

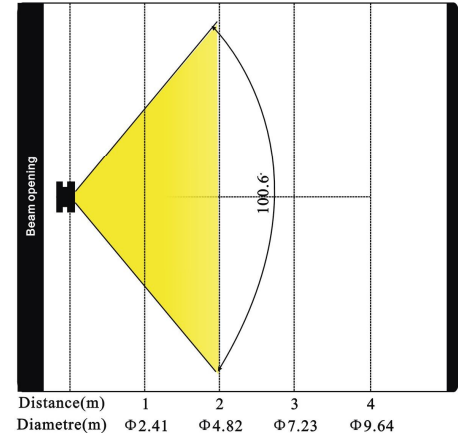
TEX S Series for 1' fixture



TEX M Series for 1' fixture

Beam angle(100.6° )

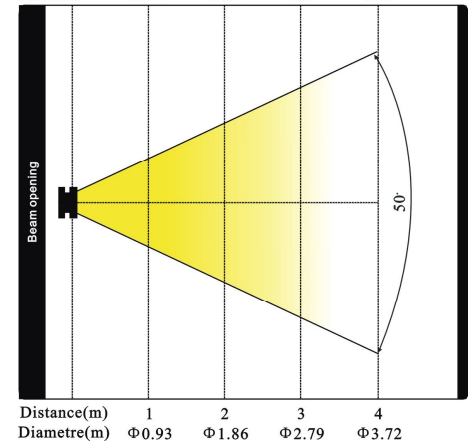
Red leds	112	28	12	7
Green leds	251	63	28	16
Blue leds	75	19	8	5
White leds	226	56	25	14
Full leds	672	168	75	42



TEX M Series for 2' fixture

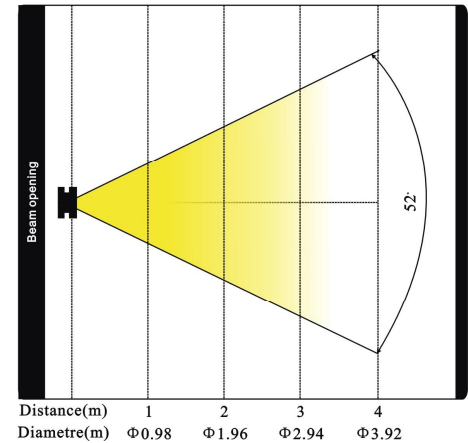
Beam angle(50° )

Red leds	583	168	75	44
Green leds	1707	572	266	155
Blue leds	545	185	85	49
White leds	1184	349	159	94
Full leds	3974	1264	583	336



Beam angle(52° )

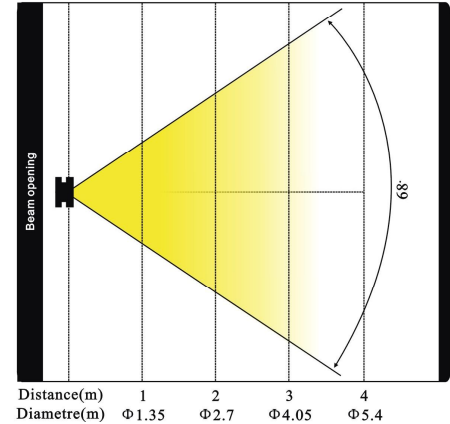
Red leds	583	168	75	44
Green leds	1707	572	266	155
Blue leds	545	185	85	49
White leds	1184	349	159	94
Full leds	3974	1264	583	336



TEX M Series for 4' fixture

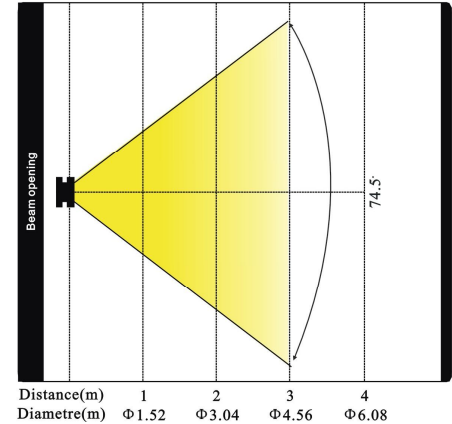
Beam angle(68° )

Red leds	580	197	93	52
Green leds	1319	499	252	153
Blue leds	408	138	66	40
White leds	1373	444	202	123
Full leds	3662	1255	606	336

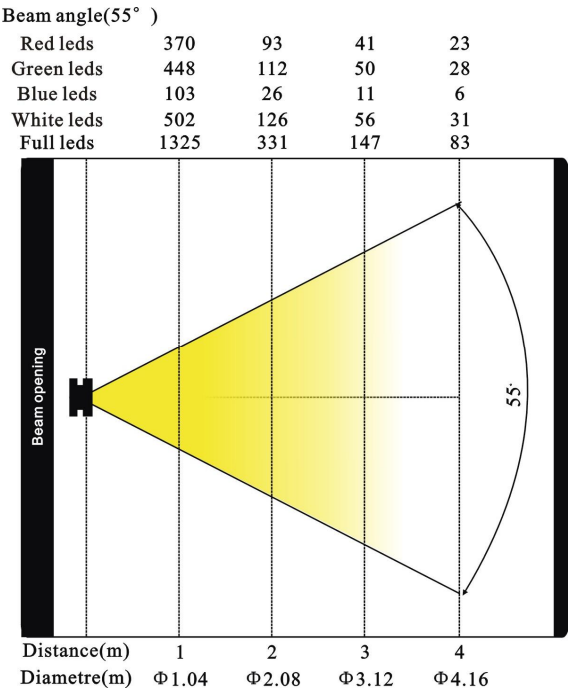


Beam angle(74.5° )

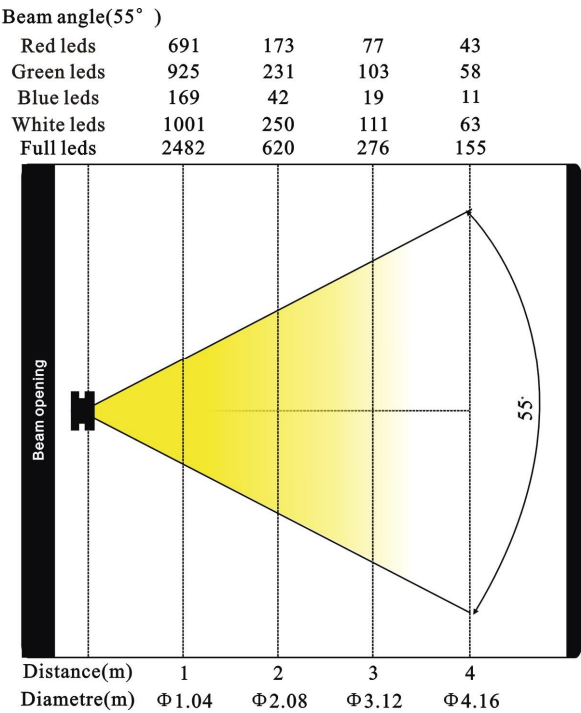
Red leds	580	197	93	52
Green leds	1319	499	252	153
Blue leds	408	138	66	40
White leds	1373	444	202	123
Full leds	3662	1255	606	336



TEX L Series for 1' fixture



TEX L Series for 2' fixture

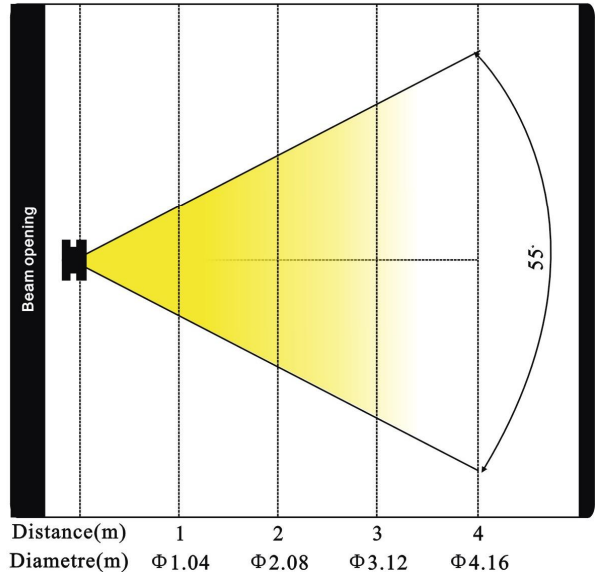




TEX L Series for 4' fixture

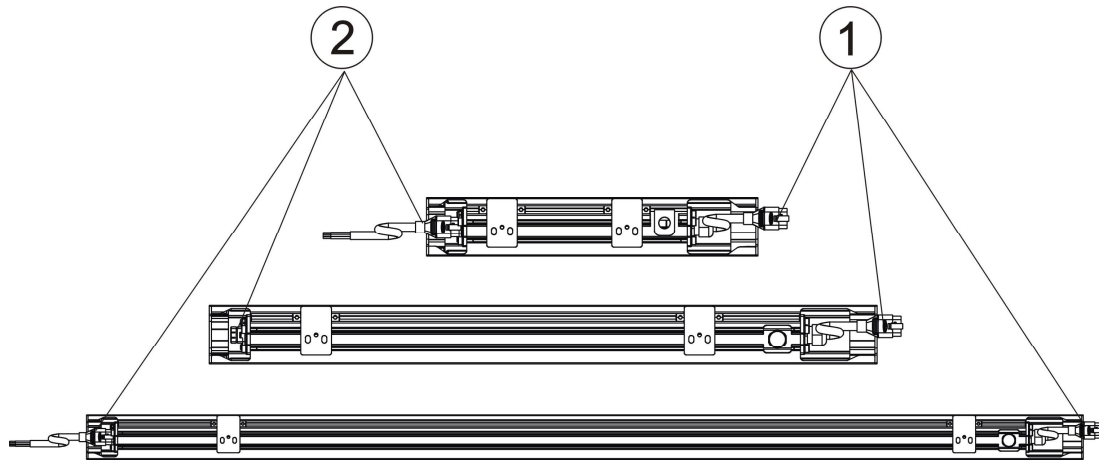
Beam angle(55° )

Red leds	1256	314	140	79
Green leds	1735	434	193	108
Blue leds	402	101	45	25
White leds	1959	490	218	122
Full leds	4957	1239	551	310



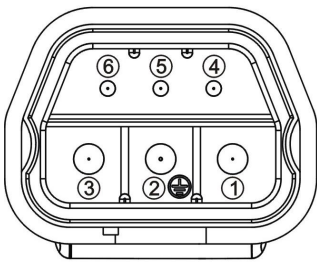
### 3. LUMINAIRE DETAILS

#### TEX S Series

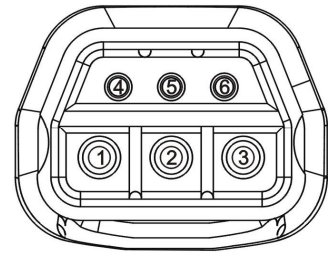


① 6-pin Power / Signal Out

② 6-pin Power / Signal In



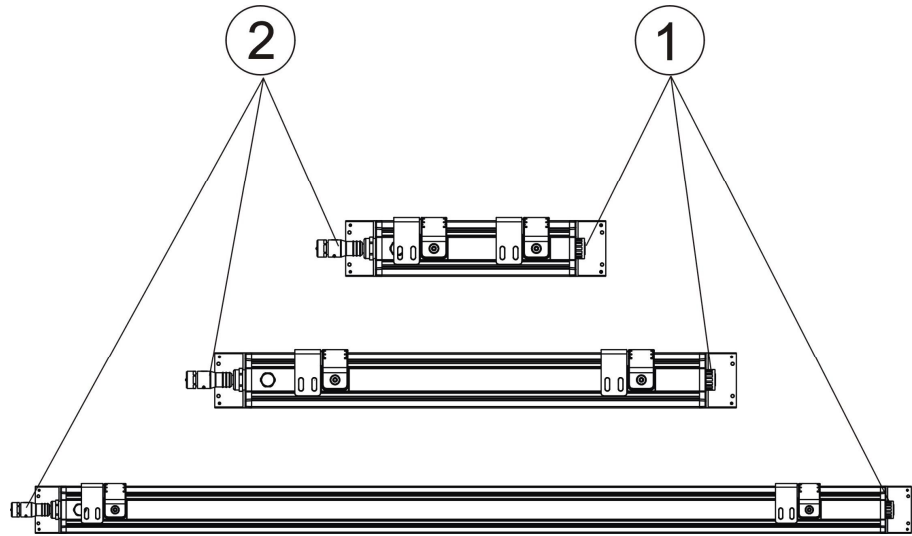
- 1、 AC Hot
- 2、 AC Ground
- 3、 AC Neutral
- 4、 DMX +
- 5、 DMX -
- 6、 Shield



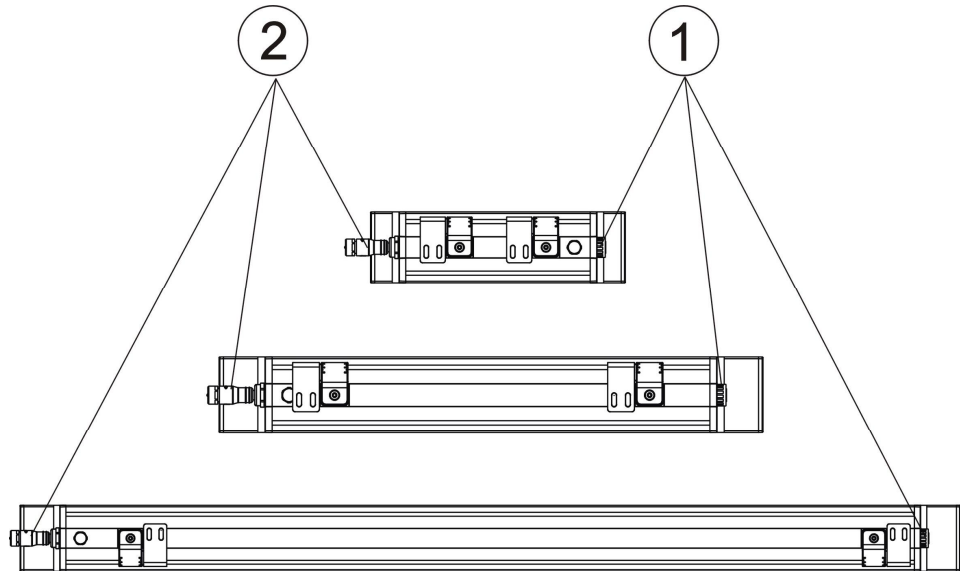
#### Power/Signal Cable Color Code:

- 1.Brown(18#)-----AC Hot
- 2.Yellow/green(18#)-----AC Ground
- 3.Blue(18#)-----AC Neutral
- 4.Purple(26#)-----DMX +
- 5.Gray(26#)-----DMX -
- 6.Braid(black)-----Shield

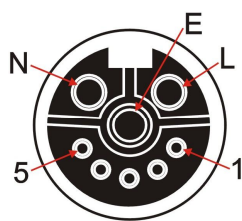
### TEX M Series



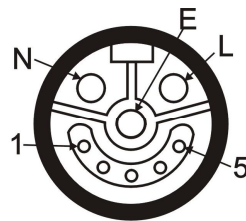
### TEX L Series



- ① 8-pin Power / Signal Ou
- ② 8-pin Power / Signal In



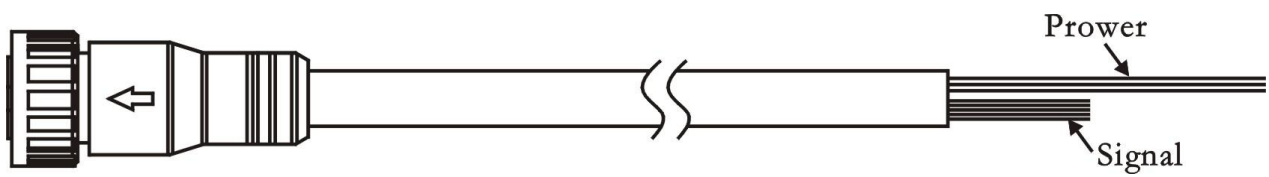
- 1. shield wire
- 2. DMX 1(-)
- 3. DMX 1(+)
- 4. DMX 2(-)
- 5. DMX 2(+)
- L. Power(+)
- E. Ground
- N. Power(-)



- 1. shield wire
- 2. DMX 1(-)
- 3. DMX 1(+)
- 4. DMX 2(-)
- 5. DMX 2(+)
- L. Power(+)
- E. Ground
- N. Power(-)

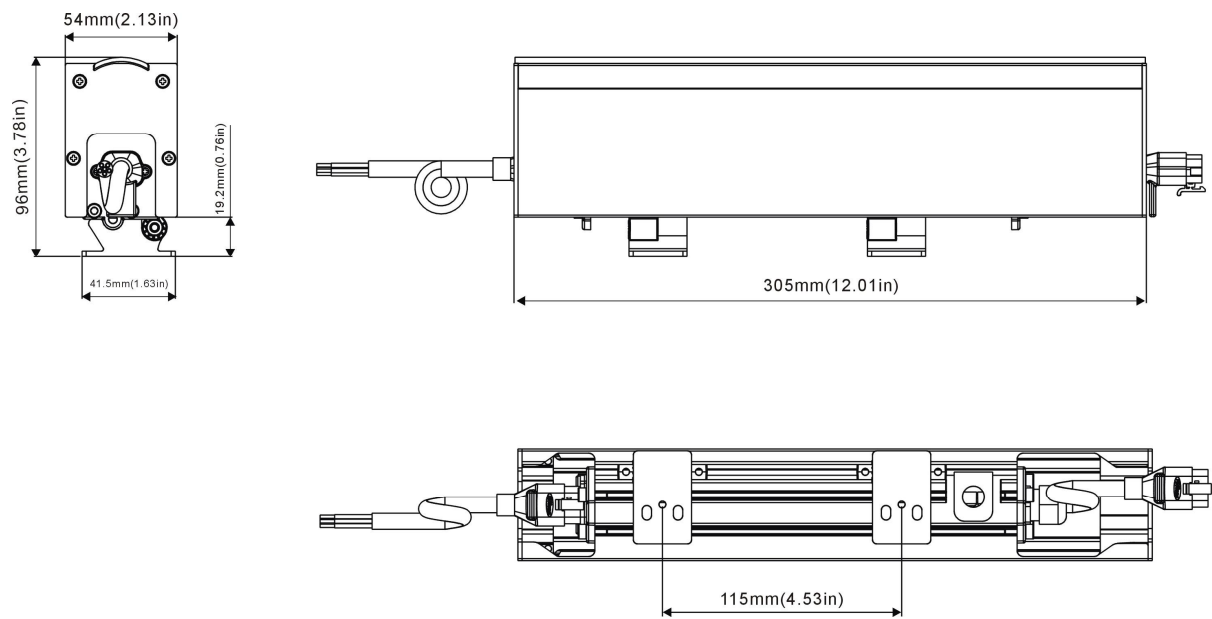
**Power/Signal Cable Color Code:**

- 1.Shield Wire-----Wire Braid
- 2.DMX 1(-)-----Red,26#
- 3.DMX 1(+)------Gray,26#
- 4.DMX 2(-)-----Green,26#
- 5.DMX 2(+)------White,26#
- L.Power(+)------Brown,16#
- E.Ground-----Yellow,Green,16#
- N.Neutral-----Blue,16#

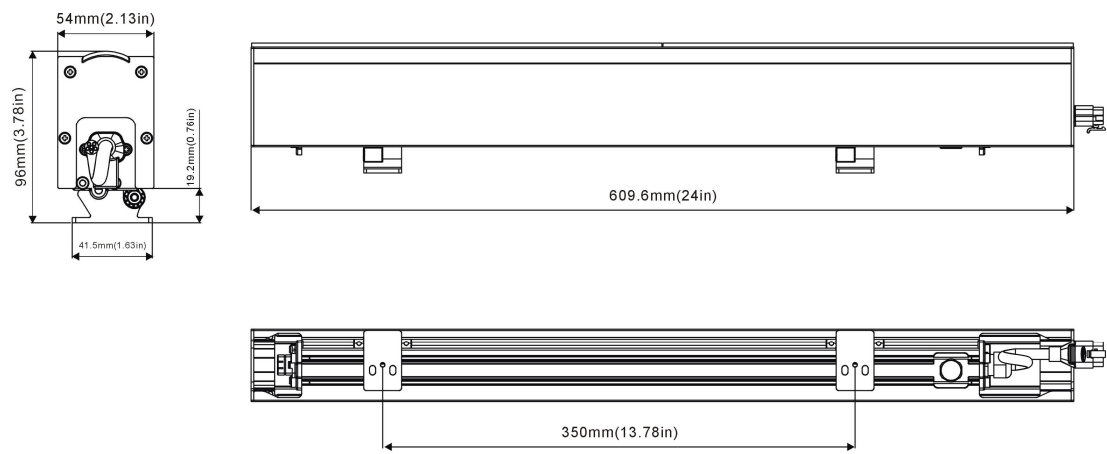


# 4. DIMENSIONAL DRAWINGS

## TEX S Series for 1' fixture



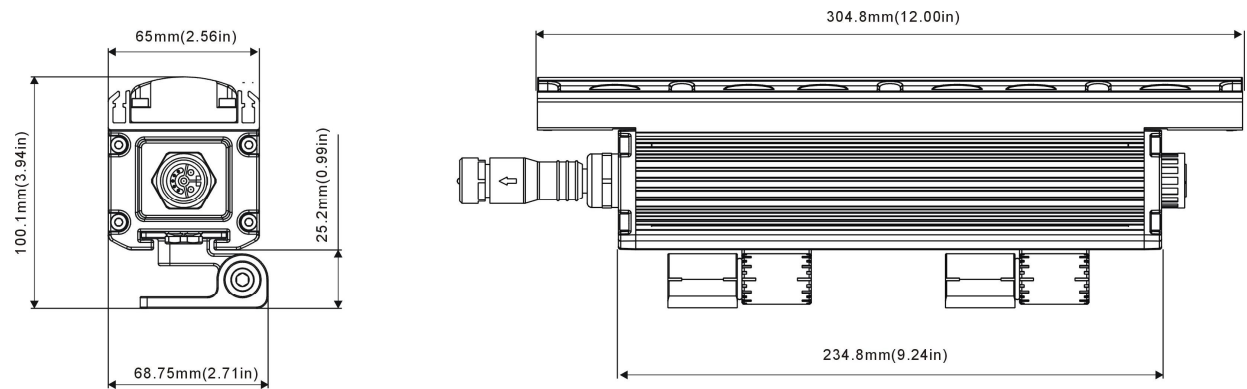
## TEX S Series for 2' fixture



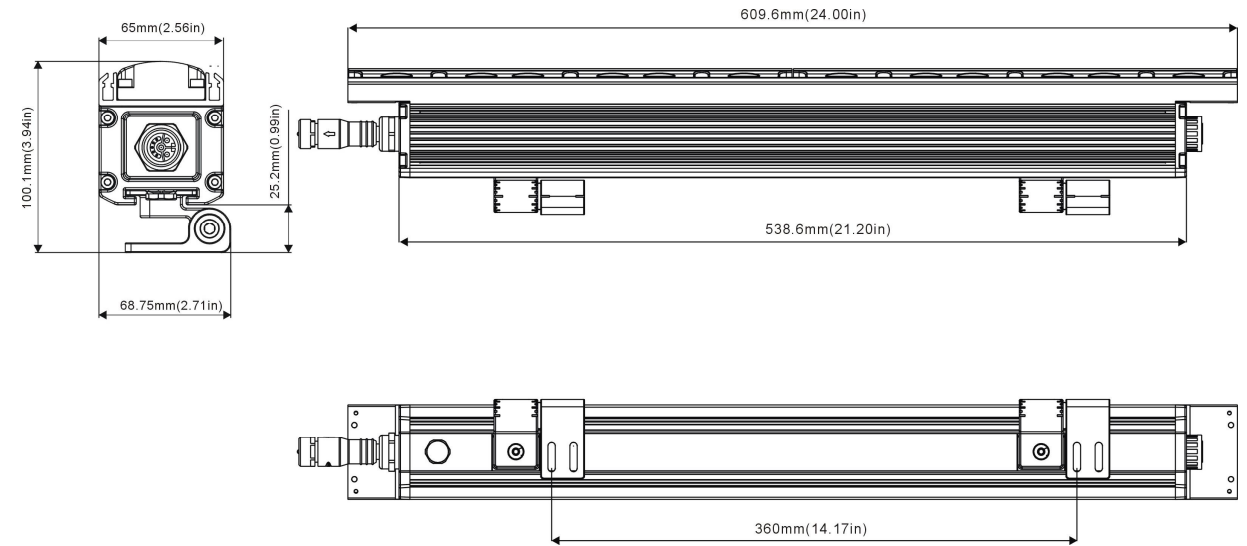
## TEX S Series for 4' fixture



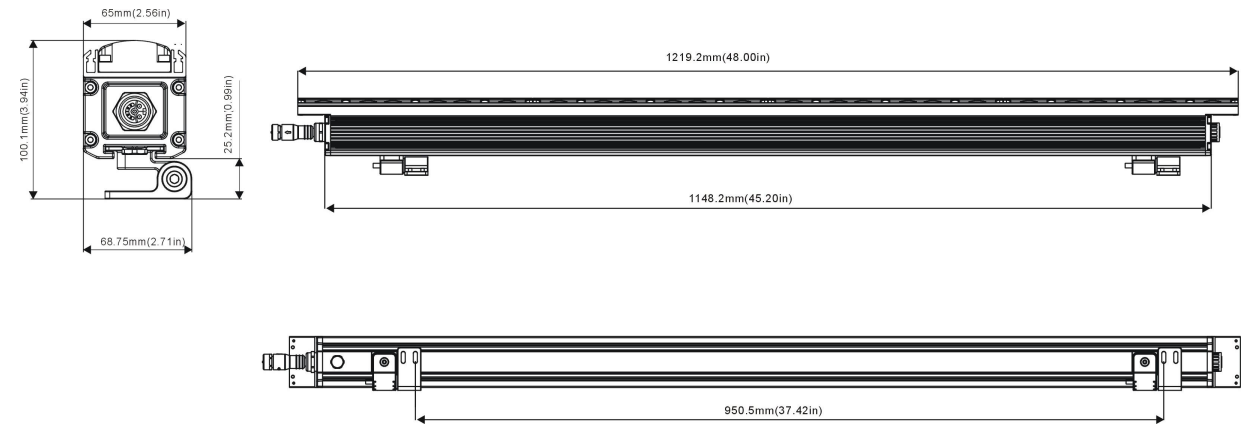
TEX M Series for 1' fixture



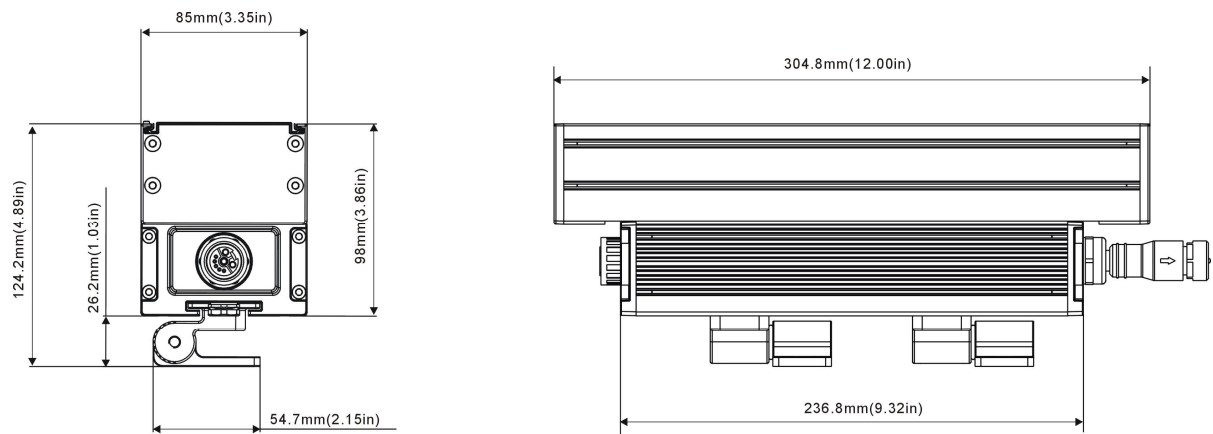
TEX M Series for 2' fixture



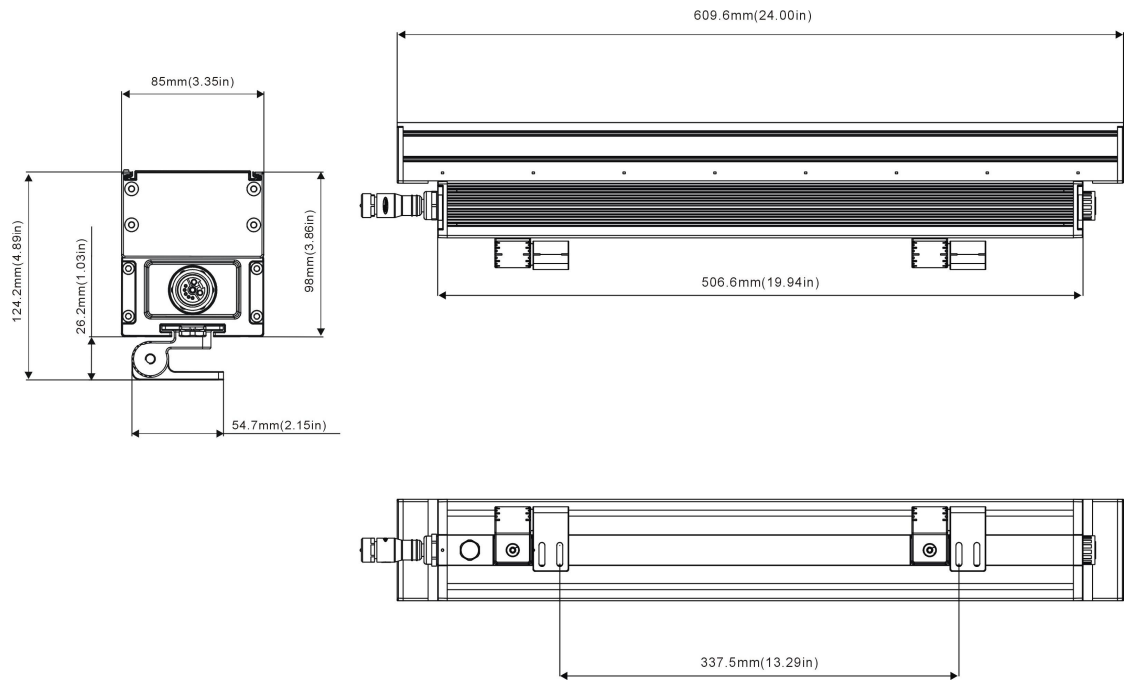
TEX M Series for 4' fixture



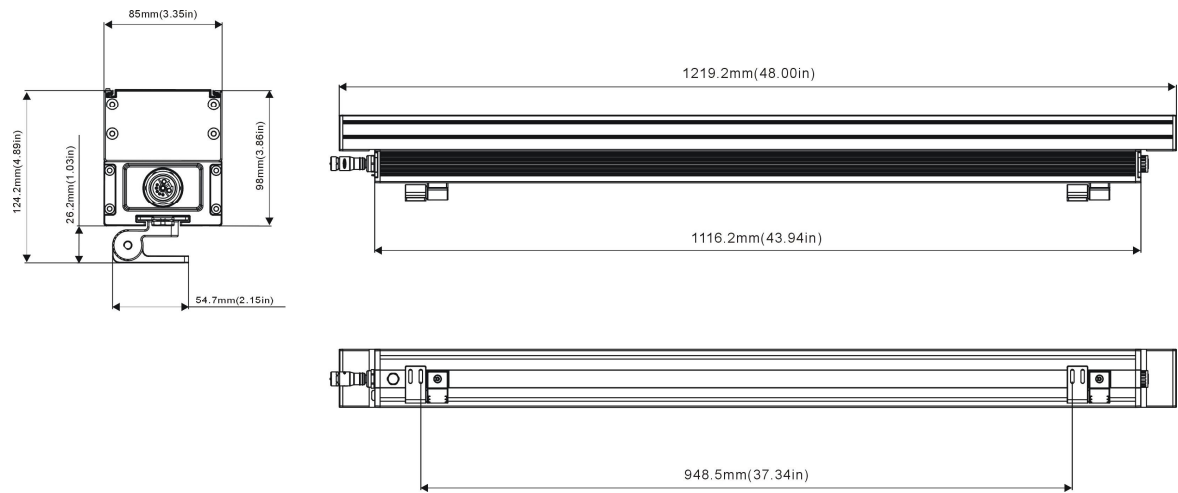
TEX L Series for 1' fixture



TEX L Series for 2' fixture



TEX L Series for 4' fixture



## 5. INSTALLATION INSTRUCTIONS

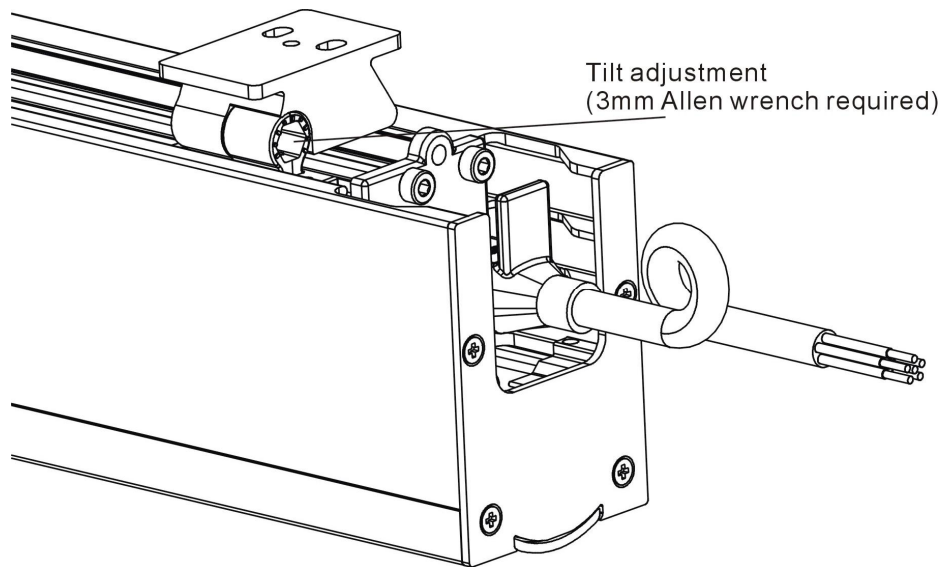
When installing each luminaire, ensure that the surface is level and that nothing is protruding to damage the mounting bracket. Suitable mounting surfaces include steel, aluminum, concrete or wood structures.

This mount base has two slot measuring 1" x 0.2" (25 x 5mm) and the base has a thickness of 0.16" (4mm). Select bolts or screws (not supplied) that fit the mount base correctly and are particularly suited to the mounting surface.

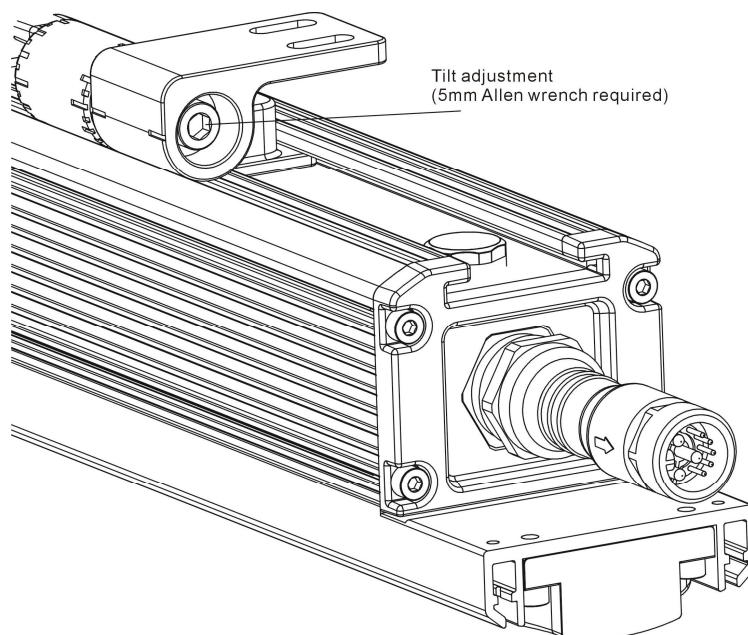
### 5.1. Mount adjustment

Use a 5mm Allen wrench to adjust the tilt angle.

#### TEX S Series

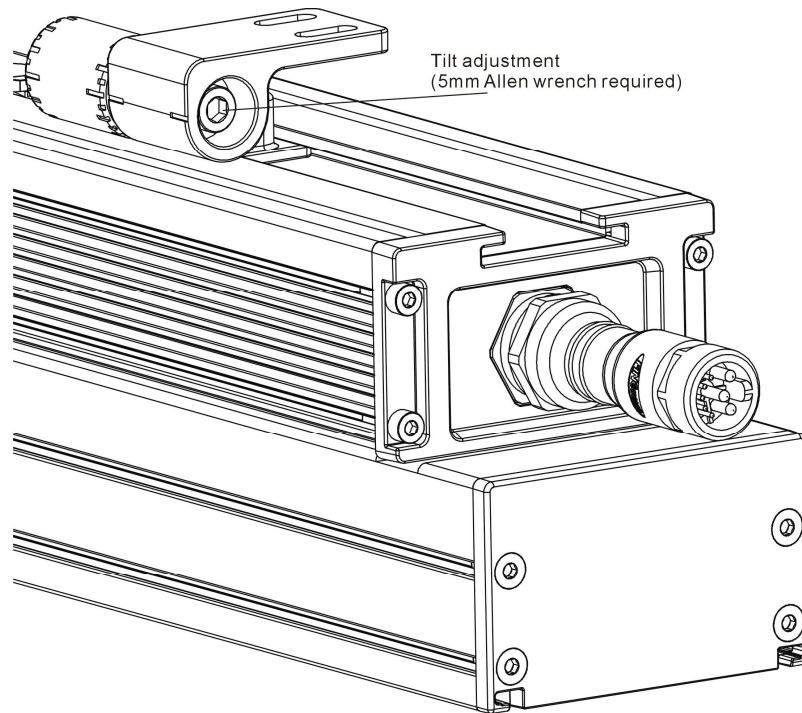


#### TEX M Series





## TEX L Series



Ensure that each base is securely fixed to the mounting surface with appropriate screws / bolts.

### 5.2. Fitting the glare shield (This is a choosing accessory)

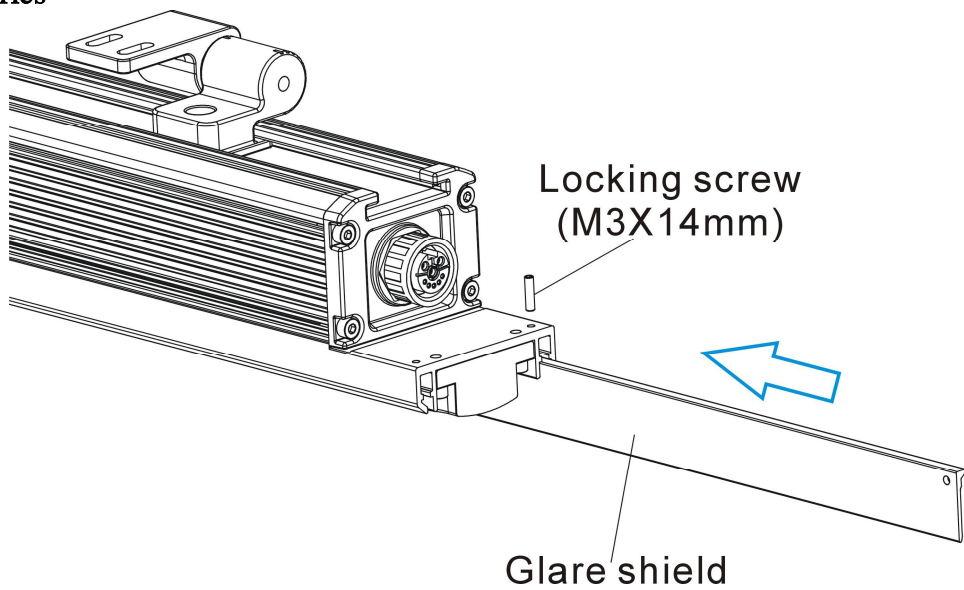
Each luminaire is supplied with a glare shield which can be fitted on either side of the emitter housing to help conceal the emitters from side view.

#### To insert the glare shield

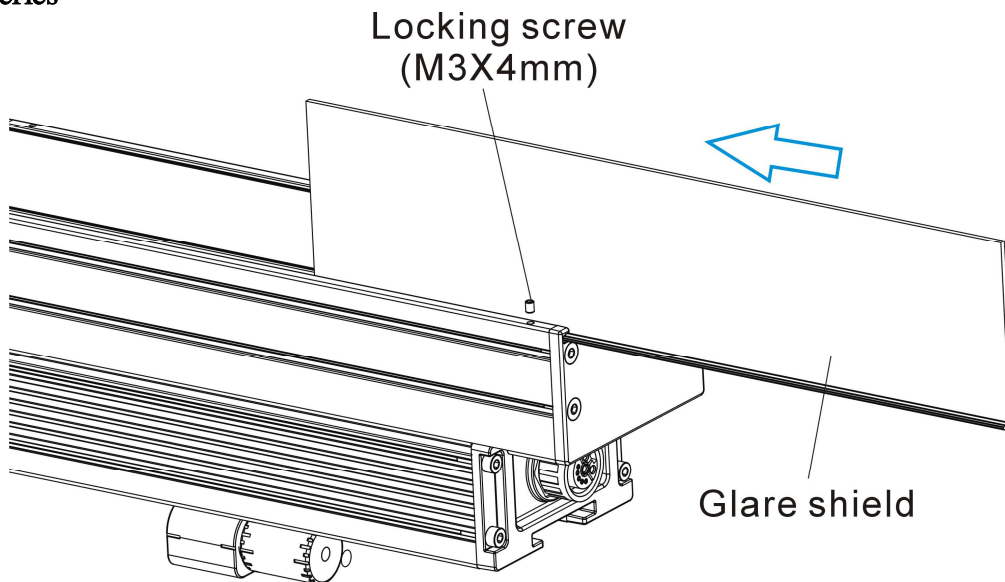
1. Carefully slide the glare shield into either of the two channels located on either side of the emitter housing.

**Note:** You may find that the glare shield is tight and difficult to slide in, particularly on the 4' models. If so, smear a small quantity of petroleum jelly onto the angled base of the glare shield to help it slide.

### TEX M Series



### TEX L Series



2. When the shield is fully in place, on the underside of the fixture, insert one of the supplied small locking screws at either end and tighten them to keep the shield firmly in place.

### 5.3. Fitting an optional louver (This is a choosing accessory)

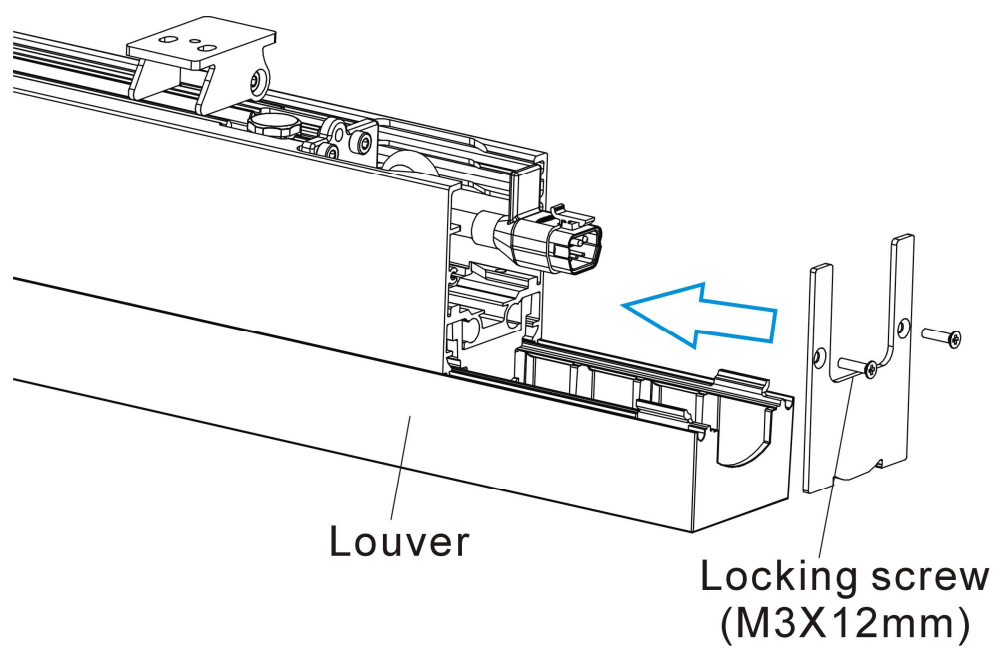
Optional louvers are available to eliminate side spill in all directions.

#### To fit an optional louver

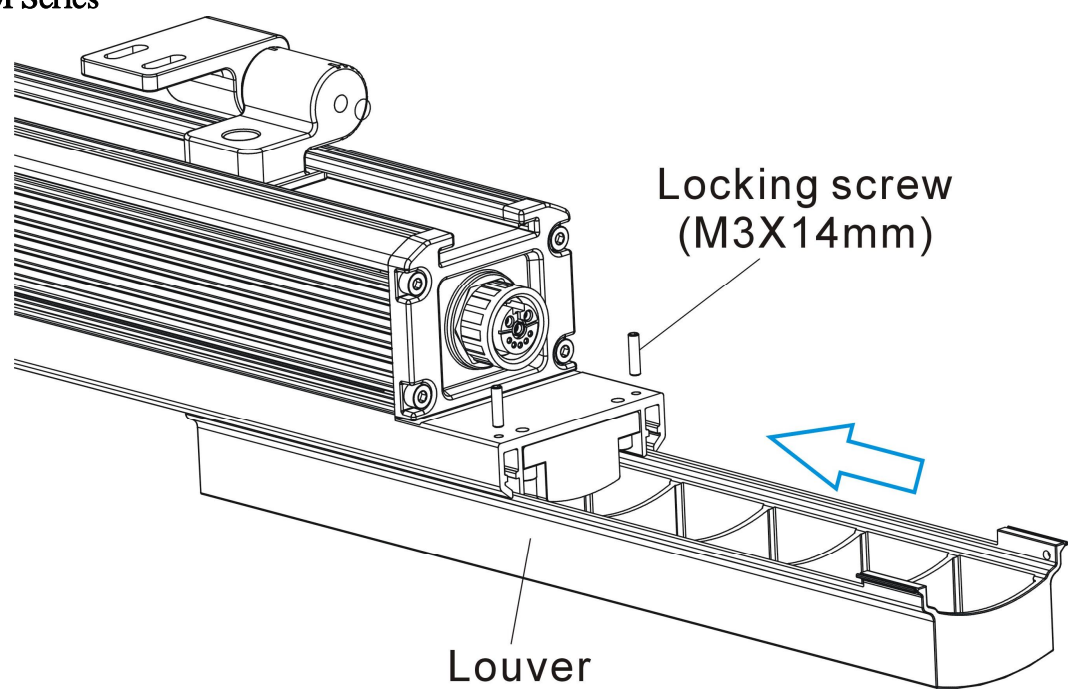
1. Carefully slide the louver into the two channels located on either side of the emitter housing.

**Note:** You may find that the louver is tight and difficult to slide in, particularly on the 4' models. If so, smear a small quantity of petroleum jelly onto the angled lips of the louver to help it slide.

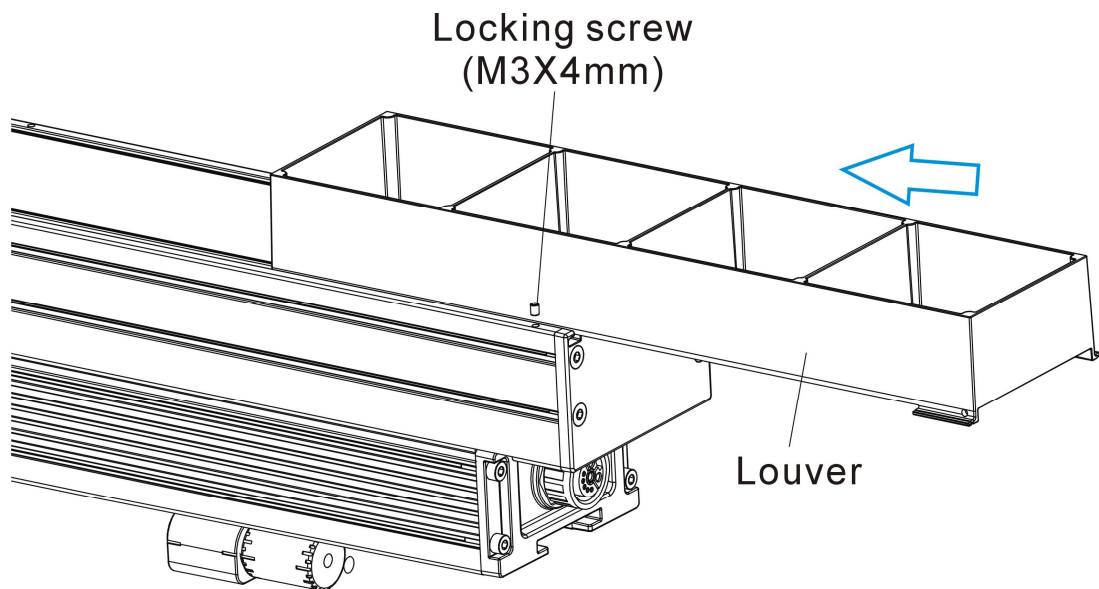
**TEX S Series**



**TEX M Series**



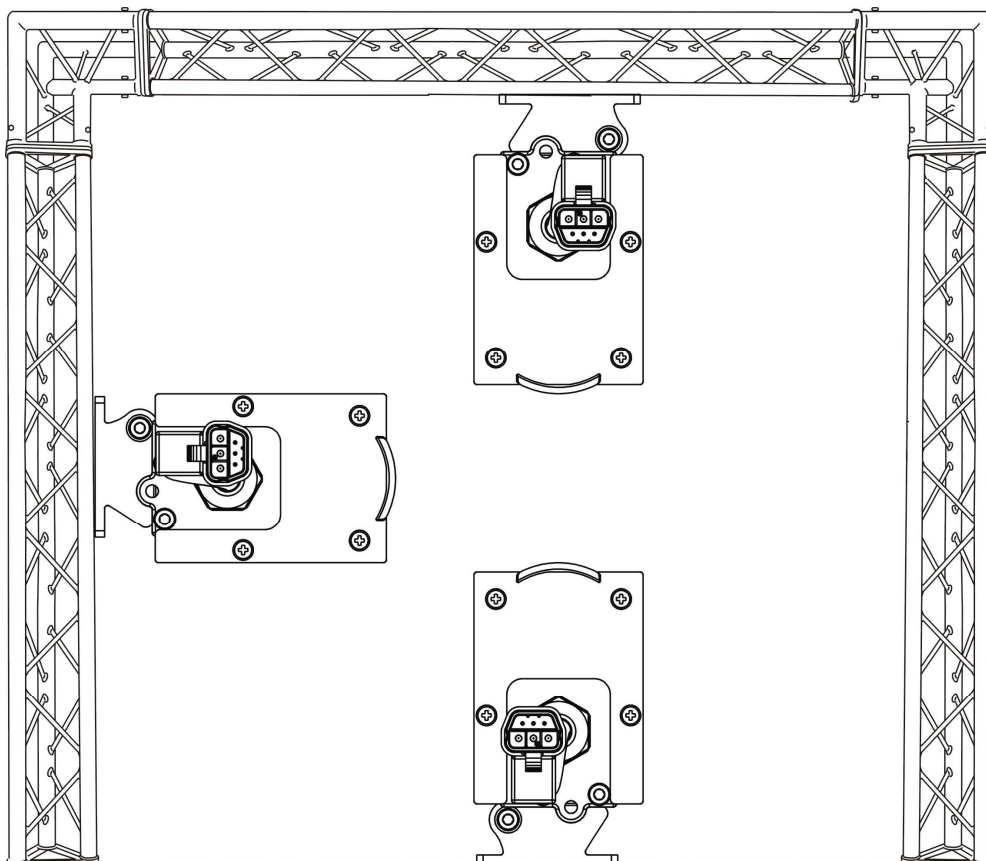
**TEX L Series**



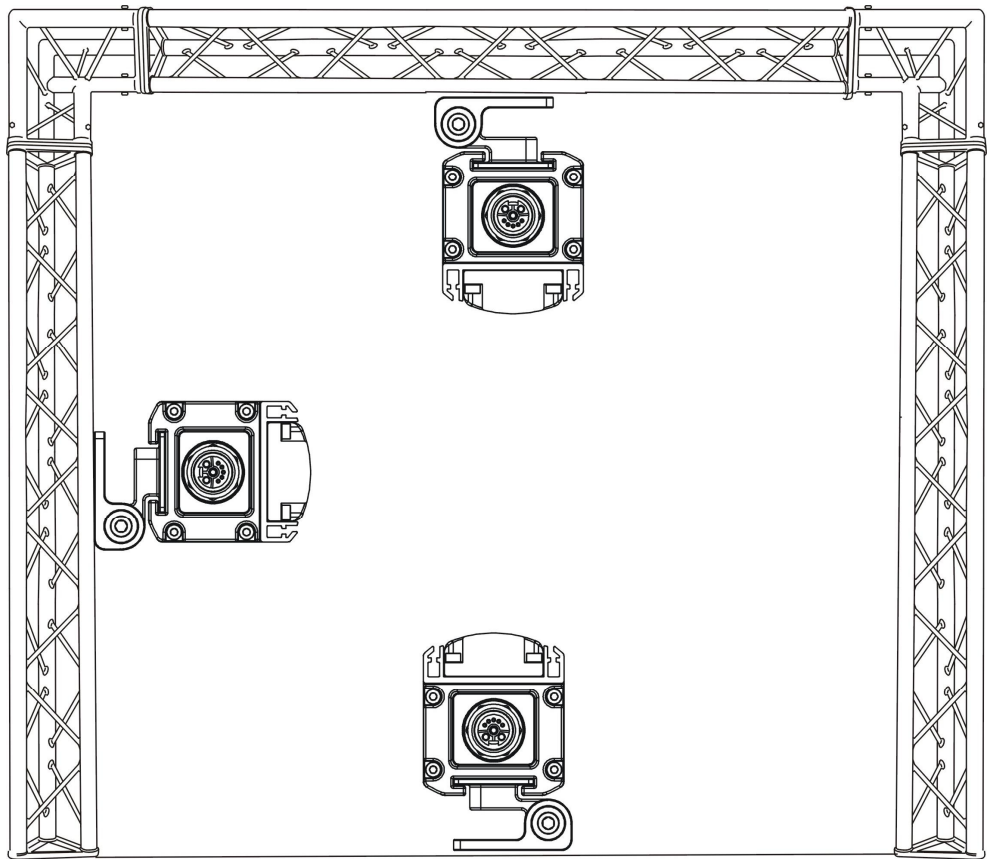
2. When the louver is fully in place, on the underside of the fixture, insert one of the supplied small locking screws at either end (on opposite sides) and tighten them to keep the louver firmly in place.

## 5.4. Mounting Options

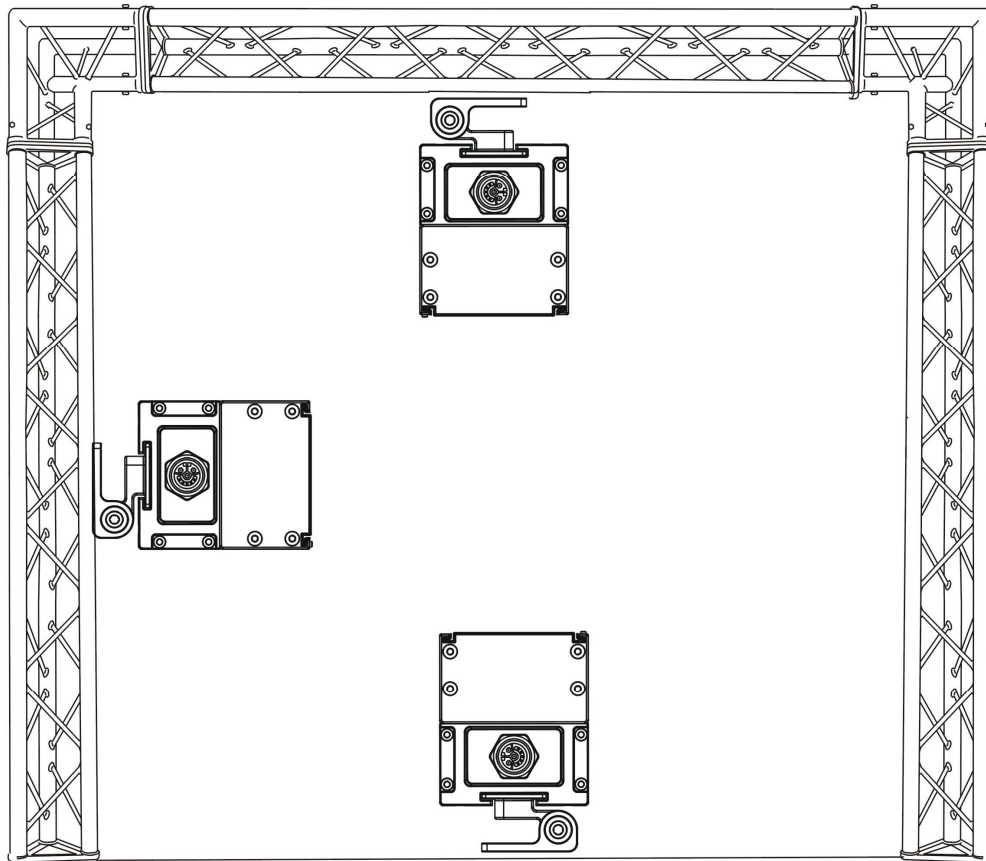
### TEX S Series



**TEX M Series**



**TEX L Series**



Be sure this fixture is kept at least 0.1m away from any flammable materials.

Overhead mounting requires extensive experience, including amongst others calculating working load limits, a fine knowledge of the installation material being used, and periodic safety inspection of all installation material and the fixture. If you lack these qualifications, do not attempt the installation yourself. Improper installation can result in bodily injury.

## 6. DMX CONTROL

### TEX S-30 1FT Q / TEX M-30 1FT Q / TEX L-30 1FT Q

RGBW color mixing models offer 0 to 100% intensity control of red, green, blue and white:

DMX channel's functions and their values (4 DMX channels):		
Channel	Value	Function
1		<b><u>RED LED:</u></b>
	0-255	RED ( 0-Black , 255-100% Red )
2		<b><u>GREEN LED:</u></b>
	0-255	GREEN ( 0-Black , 255-100% Green )
3		<b><u>BLUE LED:</u></b>
	0-255	BLUE ( 0-Black , 255-100% Blue )
4		<b><u>WHITE LED:</u></b>
	0-255	WHITE ( 0-Black , 255-100% White )

### TEX S-30 1FT TW

Variable white models offer 0 to 100% dimming control and color temperature control from 2200K~5700K:

DMX channel's functions and their values (3 DMX channels):		
Channel	Value	Function
1		<b><u>5700K:</u></b>
	0-255	WHITE ( 0-Black , 255-100% White )
2		<b><u>3500K:</u></b>
	0-255	WHITE ( 0-Black , 255-100% White )
3		<b><u>2200K:</u></b>
	0-255	WHITE ( 0-Black , 255-100% White )

### TEX M-30 1FT TW / TEX L-30 1FT TW

Variable white models offer 0 to 100% dimming control and color temperature control from cold and warm:

DMX channel's functions and their values (2 DMX channels):		
Channel	Value	Function
1		<b><u>COLD WHITE:</u></b>
	0-255	WHITE ( 0-Black , 255-100% White )
2		<b><u>WARM WHITE:</u></b>
	0-255	WHITE ( 0-Black , 255-100% White )

### TEX S-30 1FT FW / TEX M-30 1FT FW / TEX L-30 1FT FW

Variable white models offer 0 to 100% dimming control and color temperature control from 2700K:

DMX channel's functions and their values (1 DMX channels):		
Channel	Value	Function
1		<b><u>WHITE LED:</u></b>
	0-255	WHITE ( 0-Black , 255-100% White )



**TEX S-60 2FT Q / TEX M-60 2FT Q / TEX L-60 2FT Q**

RGBW color mixing models offer 0 to 100% intensity control of red, green, blue and white:

DMX channel's functions and their values (4 DMX channels):			
Mode/Channel		Value	Function
4ch	8ch		
1			<b><u>RED LED:</u></b>
		0-255	RED ( 0-Black , 255-100% Red )
2			<b><u>GREEN LED:</u></b>
		0-255	GREEN( 0-Black , 255-100% Green )
3			<b><u>BLUE LED:</u></b>
		0-255	BLUE ( 0-Black , 255-100% Blue )
4			<b><u>WHITE LED:</u></b>
		0-255	WHITE( 0-Black , 255-100% White )
	1		<b><u>RED LED 1:</u></b>
		0-255	RED ( 0-Black , 255-100% Red )
	2		<b><u>GREEN LED 1:</u></b>
		0-255	GREEN( 0-Black , 255-100% Green )
	3		<b><u>BLUE LED 1:</u></b>
		0-255	BLUE ( 0-Black , 255-100% Blue )
	4		<b><u>WHITE LED 1:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
	5		<b><u>RED LED 2:</u></b>
		0-255	RED( 0-Black , 255-100% Red )
	6		<b><u>GREEN LED 2:</u></b>
		0-255	GREEN ( 0-Black , 255-100% Green )
	7		<b><u>BLUE LED 2:</u></b>
		0-255	BLUE ( 0-Black , 255-100% Blue )
	8		<b><u>WHITE LED 2:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )

**TEX S-60 2FT TW**

Variable white models offer 0 to 100% dimming control and color temperature control from 2200K~5700K:

DMX channel's functions and their values (3 DMX channels):			
Mode/Channel		Value	Function
3ch	6ch		
1			<b><u>5700K:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
2			<b><u>3500K:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
3			<b><u>2200K:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
	1		<b><u>5700K 1:</u></b>



		0-255	WHITE ( 0-Black , 255-100% White )
	2		<u>3500K 1:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	3		<u>2200K 1:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	4		<u>5700K 2:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	5		<u>3500K 2:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	6		<u>2200K 2:</u>
		0-255	WHITE ( 0-Black , 255-100% White )

#### TEX M-60 2FT TW / TEX L-60 2FT TW

Variable white models offer 0 to 100% dimming control and color temperature control from cold and warm:

DMX channel's functions and their values (2 DMX channels):			
Mode/Channel		Value	Function
2ch	4ch		
1			<u>COLD WHITE:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
2			<u>WARM WHITE:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	1		<u>COLD WHITE 1:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	2		<u>WARM WHITE 1:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	3		<u>COLD WHITE 2:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	4		<u>WARM WHITE 2:</u>
		0-255	WHITE ( 0-Black , 255-100% White )

#### TEX S-60 2FT FW / TEX M-60 2FT FW / TEX L-60 2FT FW

Variable white models offer 0 to 100% dimming control and color temperature control from 2700K:

DMX channel's functions and their values (1 DMX channels):			
Mode/Channel		Value	Function
1ch	2ch		
1			<u>WHITE LED:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	1		<u>WHITE LED 1:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	2		<u>WHITE LED 2:</u>
		0-255	WHITE ( 0-Black , 255-100% White )

**TEX S-90 3FT Q / TEX M-90 3FT Q / TEX L-90 3FT Q**

RGBW color mixing models offer 0 to 100% intensity control of red, green, blue and white:

<b>DMX channel's functions and their values (4 DMX channels):</b>			
<b>Mode/Channel</b>		<b>Value</b>	<b>Function</b>
<b>4ch</b>	<b>12ch</b>		
1			<b><u>RED LED:</u></b>
		0-255	RED ( 0-Black , 255-100% Red )
2			<b><u>GREEN LED:</u></b>
		0-255	GREEN ( 0-Black , 255-100% Green )
3			<b><u>BLUE LED:</u></b>
		0-255	BLUE ( 0-Black , 255-100% Blue )
4			<b><u>WHITE LED:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
	1		<b><u>RED LED 1:</u></b>
		0-255	RED ( 0-Black , 255-100% Red )
	2		<b><u>GREEN LED 1:</u></b>
		0-255	GREEN ( 0-Black , 255-100% Green )
	3		<b><u>BLUE LED 1:</u></b>
		0-255	BLUE ( 0-Black , 255-100% Blue )
	4		<b><u>WHITE LED 1:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
	5		<b><u>RED LED 2:</u></b>
		0-255	RED ( 0-Black , 255-100% Red )
	6		<b><u>GREEN LED 2:</u></b>
		0-255	GREEN ( 0-Black , 255-100% Green )
	7		<b><u>BLUE LED 2:</u></b>
		0-255	BLUE ( 0-Black , 255-100% Blue )
	8		<b><u>WHITE LED 3:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
	9		<b><u>RED LED 3:</u></b>
		0-255	RED ( 0-Black , 255-100% Red )
	10		<b><u>GREEN LED 3:</u></b>
		0-255	GREEN ( 0-Black , 255-100% Green )
	11		<b><u>BLUE LED 3:</u></b>
		0-255	BLUE ( 0-Black , 255-100% Blue )
	12		<b><u>WHITE LED 3:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )

**TEX S-90 3FT TW**

Variable white models offer 0 to 100% dimming control and color temperature control from 2200K~5700K:

<b>DMX channel's functions and their values (3 DMX channels):</b>			
<b>Mode/Channel</b>		<b>Value</b>	<b>Function</b>
<b>3ch</b>	<b>9ch</b>		
1			<b><u>5700K:</u></b>

		0-255	WHITE ( 0-Black , 255-100% White )
2			<u>3500K:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
3			<u>2200K:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	1		<u>5700K 1:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	2		<u>3500K 1:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	3		<u>2200K 1:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	4		<u>5700K 2:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	5		<u>3500K 2:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	6		<u>2200K 2:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	7		<u>5700K 3:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	8		<u>3500K 3:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	9		<u>2200K 3:</u>
		0-255	WHITE ( 0-Black , 255-100% White )

#### TEX M-90 3FT TW / TEX L-90 3FT TW

Variable white models offer 0 to 100% dimming control and color temperature control from cold and warm:

DMX channel's functions and their values (2 DMX channels):			
Mode/Channel		Value	Function
2ch	6ch		
1			<u>COLD WHITE:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
2			<u>WARM WHITE:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	1		<u>COLD WHITE 1:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	2		<u>WARM WHITE 1:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	3		<u>COLD WHITE 2:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	4		<u>WARM WHITE 2:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	5		<u>COLD WHITE 3:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	6		<u>WARM WHITE 3:</u>

		0-255	WHITE ( 0-Black , 255-100% White )
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#### TEX S-90 3FT FW / TEX M-90 3FT FW / TEX L-90 3FT FW

Variable white models offer 0 to 100% dimming control and color temperature control from 2700K:

DMX channel's functions and their values (1 DMX channels):			
Mode/Channel		Value	Function
1ch	3ch		
1			<b><u>WHITE LED:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
	1		<b><u>WHITE LED 1:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
	2		<b><u>WHITE LED 2:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
	3		<b><u>WHITE LED 3:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )

#### TEX S-120 4FT Q / TEX M-120 4FT Q / TEX L-120 4FT Q

RGBW color mixing models offer 0 to 100% intensity control of red, green, blue and white:

DMX channel's functions and their values (4 DMX channels):			
Mode/Channel		Value	Function
4ch	16ch		
1			<b><u>RED LED:</u></b>
		0-255	RED ( 0-Black , 255-100% Red )
2			<b><u>GREEN LED:</u></b>
		0-255	GREEN( 0-Black , 255-100% Green )
3			<b><u>BLUE LED:</u></b>
		0-255	BLUE ( 0-Black , 255-100% Blue )
4			<b><u>WHITE LED:</u></b>
		0-255	WHITE( 0-Black , 255-100% White )
	1		<b><u>RED LED 1:</u></b>
		0-255	RED ( 0-Black , 255-100% Red )
	2		<b><u>GREEN LED 1:</u></b>
		0-255	GREEN( 0-Black , 255-100% Green )
	3		<b><u>BLUE LED 1:</u></b>
		0-255	BLUE ( 0-Black , 255-100% Blue )
	4		<b><u>WHITE LED 1:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
	5		<b><u>RED LED 2:</u></b>
		0-255	RED( 0-Black , 255-100% Red )
	6		<b><u>GREEN LED 2:</u></b>
		0-255	GREEN ( 0-Black , 255-100% Green )
	7		<b><u>BLUE LED 2:</u></b>

		0-255	BLUE ( 0-Black , 255-100% Blue )
	8		<b><u>WHITE LED 2:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
	9		<b><u>RED LED 3:</u></b>
		0-255	RED ( 0-Black , 255-100% Red )
	10		<b><u>GREEN LED 3:</u></b>
		0-255	GREEN( 0-Black , 255-100% Green )
	11		<b><u>BLUE LED 3:</u></b>
		0-255	BLUE ( 0-Black , 255-100% Blue )
	12		<b><u>WHITE LED 3:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
	13		<b><u>RED LED 4:</u></b>
		0-255	RED( 0-Black , 255-100% Red )
	14		<b><u>GREEN LED 4:</u></b>
		0-255	GREEN ( 0-Black , 255-100% Green )
	15		<b><u>BLUE LED 4:</u></b>
		0-255	BLUE ( 0-Black , 255-100% Blue )
	16		<b><u>WHITE LED 4:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )

#### TEX S-120 4FT TW

Variable white models offer 0 to 100% dimming control and color temperature control from 2200K~5700K:

DMX channel's functions and their values (3 DMX channels):			
Mode/Channel		Value	Function
3ch	12ch		
1			<b><u>5700K:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
2			<b><u>3500K:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
2			<b><u>2200K:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
	1		<b><u>5700K 1:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
	2		<b><u>3500K 1:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
	3		<b><u>2200K 1:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
	4		<b><u>5700K 2:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
	5		<b><u>3500K 2:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
	6		<b><u>2200K 2:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
	7		<b><u>5700K 3:</u></b>

		0-255	WHITE ( 0-Black , 255-100% White )
	8		<u>3500K 3:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	9		<u>2200K 3:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	10		<u>5700K 4:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	11		<u>3500K 4:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	12		<u>2200K 4:</u>
		0-255	WHITE ( 0-Black , 255-100% White )

#### TEX M-120 4FT TW / TEX L-120 4FT TW

Variable white models offer 0 to 100% dimming control and color temperature control from cold and warm:

DMX channel's functions and their values (2 DMX channels):			
Mode/Channel		Value	Function
2ch	8ch		
1			<u>COLD WHITE:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
2			<u>WARM WHITE:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	1		<u>COLD WHITE 1:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	2		<u>WARM WHITE 1:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	3		<u>COLD WHITE 2:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	4		<u>WARM WHITE 2:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	5		<u>COLD WHITE 3:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	6		<u>WARM WHITE 3:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	7		<u>COLD WHITE 4:</u>
		0-255	WHITE ( 0-Black , 255-100% White )
	8		<u>WARM WHITE 4:</u>
		0-255	WHITE ( 0-Black , 255-100% White )

#### TEX S-120 4FT FW / TEX M-120 4FT FW / TEX L-120 4FT FW

Variable white models offer 0 to 100% dimming control and color temperature control from 2700K:

DMX channel's functions and their values (1 DMX channels):			
Mode/Channel		Value	Function
1ch	4ch		

1			<b><u>WHITE LED:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
	1		<b><u>WHITE LED 1:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
	2		<b><u>WHITE LED 2:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
	3		<b><u>WHITE LED 3:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )
	4		<b><u>WHITE LED 4:</u></b>
		0-255	WHITE ( 0-Black , 255-100% White )

## 7. CLEANING AND MAINTENANCE



### CAUTION!

Disconnect from mains before starting maintenance operation.

The following points have to be considered during the inspection:

- All screws for installing the luminaire or parts of the luminaire have to be **tight** and screws must not be corroded.
- There must not be any deformation to the housing, lenses, or fixing points (ceiling, suspension, trussing).
- The electric power supply cables must not show any physical damage, material fatigue.
- Please use a moist, lint-free cloth when cleaning the luminaire
- Never use alcohol or solvents.
- Should any spare parts be required, please order genuine parts from your local dealer.

## 8. SERVICE

For all service needs please contact your local authorized dealer or **GS Arc** directly. Our contact details are:

Email: [QA@terbly.com](mailto:QA@terbly.com)

Phone: +86 20 3996 6388

Address: No.109 Hai Yong Road, Shi Ji Town, Pan Yu Zone Guangzhou City, China, 511450

**Remark:** Errors and omissions for all information given in this manual are excepted. All information is subject to change without prior notice.